Shoreline Master Programs

Addressing Sea Level Rise



Shoreline Management Act

Sea level rise not addressed

Requires use of available information



Shoreline Master Program Guidelines

Sea level rise not addressed



Latest & greatest scientific & technical info required



Shoreline planning

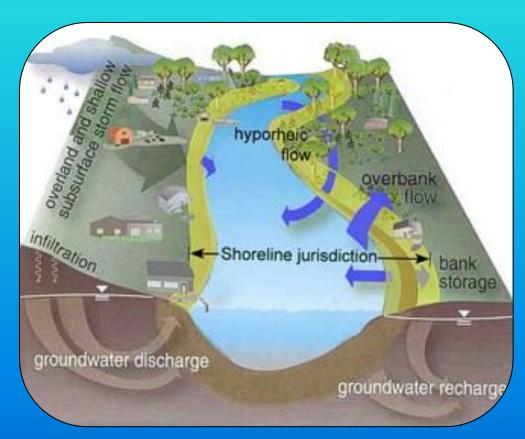
- SMP Handbook
- Data & information pages
- Upcoming guidebook





SMP Handbook Appendix

- Public participation
- Shoreline jurisdiction
- Inventory & characterization



SMP Handbook Appendix





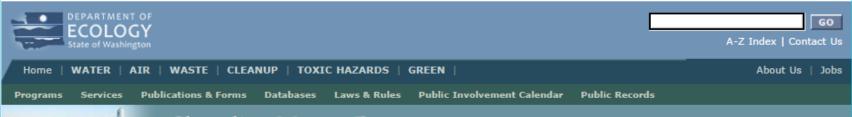


Environment designations

Policies & regulations

Restoration plan

Data and information





Shoreline Master Programs (SMPs)

SEA Program Home > Shoreline Management Home > SMP Home > Shoreline Planners Toolbox > Data and Information

SHORELINE MASTER PROGRAMS

Citizen Guide
Shoreline Planners Toolbox
Permits and Enforcement
Media Kit
Special Topics

Laws, Rules, and Cases News Publications Contacts

Data and Information

There are various types of information useful for developing and administering Shoreline Master Program. We have separated the information into the three types described below.

1. Integrated reports, catalogs, multi-feature data sets, and internet mapping sites

Many existing reports have synthesized monitoring and analyses results from different studies to address one or several aspects of aquatic ecosystems. These reports can provide both general context setting information and specific recommendations for shoreline management. There are on-line data catalogs that serve as a clearinghouse for data, and internet mapping sites that provide users who lack GIS software the opportunity to view data.

2. Maps, imagery, and information sources

Maps, photos, satellite imagery, and monitoring station data provide information that may be fundamental to assessing the status of shoreline ecological functions. Many existing data sets contain attributes that can be extracted separately or together to address shoreline issues.

3. References for scientific texts, journal articles, technical reports, and research papers

Scientific texts, journal articles, technical reports, and research papers are useful for understanding fundamental biophysical principles applied to landscape ecology and aquatic lands management.

eve separated the	
Data type	Link to source
reports	Limiting Factors Columbia Basin Fish USGS Studies
Literature reviews	Aquatic Habitat Prot. Vag. Riperian Zones Lakashore impacts Best Available Sciena
Data catalogs	DNR Share Zone DOT geodata catalog DNR GIS catalog IAC postal
Internet map sites	Ecy Constal Atlas Ecy 303d waters Ecology EIM
Data type	Link to source
Jurisdiction & ownership	SMA streams SMA 20cfs points DNR squatic lands WRSA boundaries
Hydrology	Watercourses 100k Flow characteristics Major takes in VA
Hydrology Floodplains	Flow characteristics

Draft shoreline policies

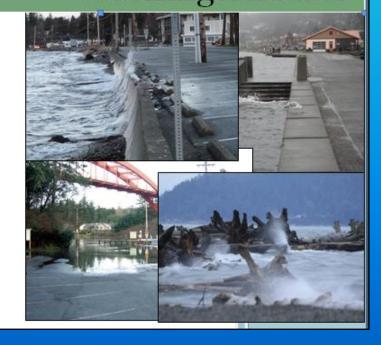
- King County:
 - Infrastructure
 - Habitat protection & restoration
- Kitsap County:
 - Infrastructure
 - Major private structures

Sea level rise guidebook

- Adaptation strategy
- 5 phases
- Case studies

2013 publication

Sea Level Rise Adaptation Guidebook for Local Governments in Washington State



Thanks!

